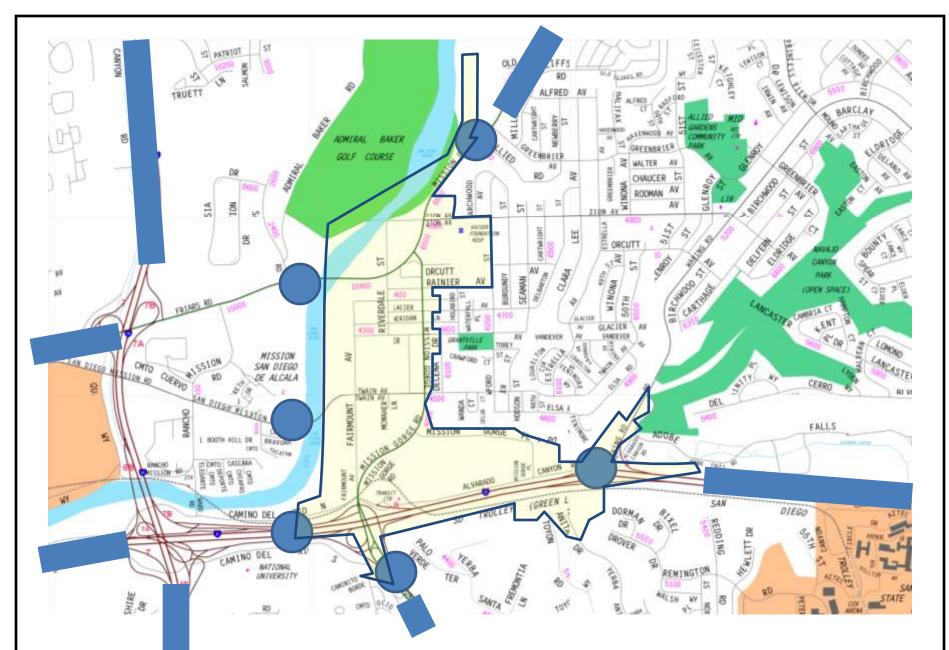


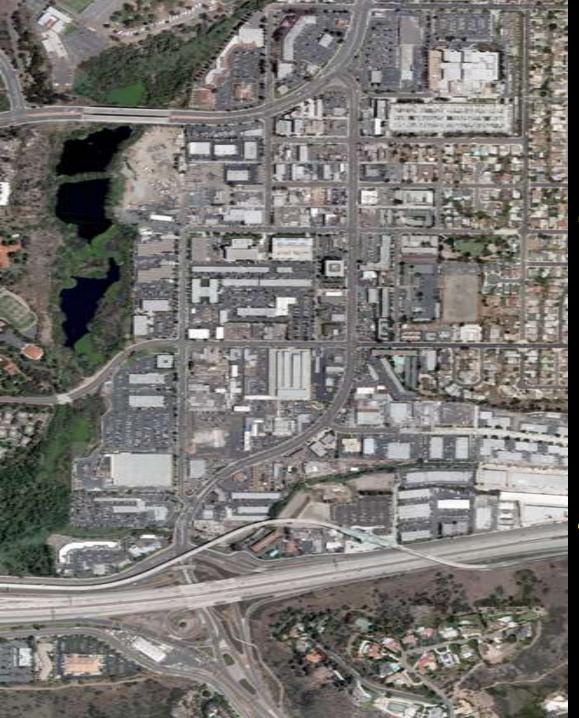
CONTEXT

Grantville Sub Area A Redevelopment Project Area Master Plan



TRAFFIC PORTALS TO THE REGION

Grantville Sub Area A Redevelopment Project Area Master Plan

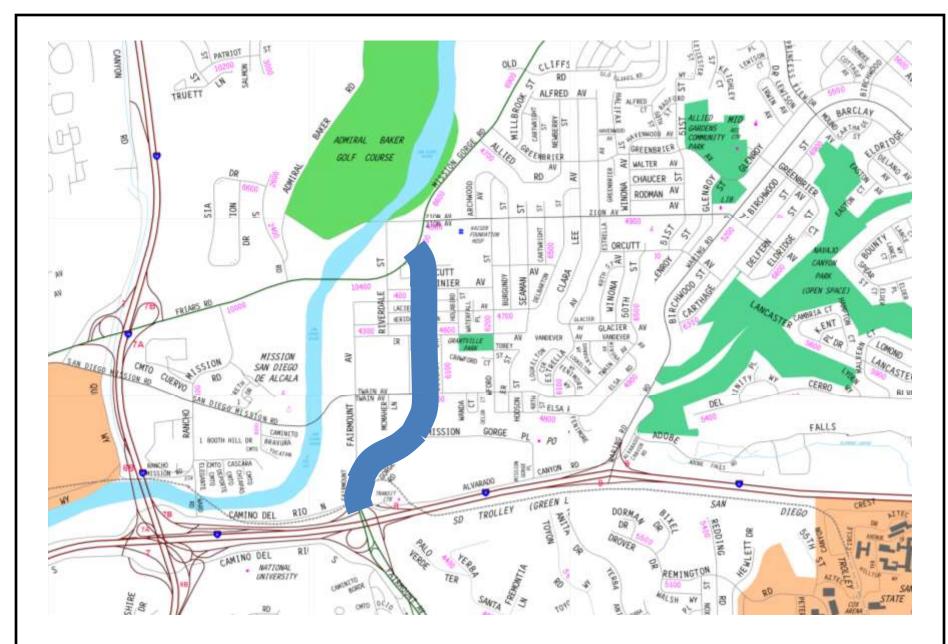


Roadway Issues/Circulation

- •Frontage Road and Interchange Share One Intersection
- •Bottleneck at I-8

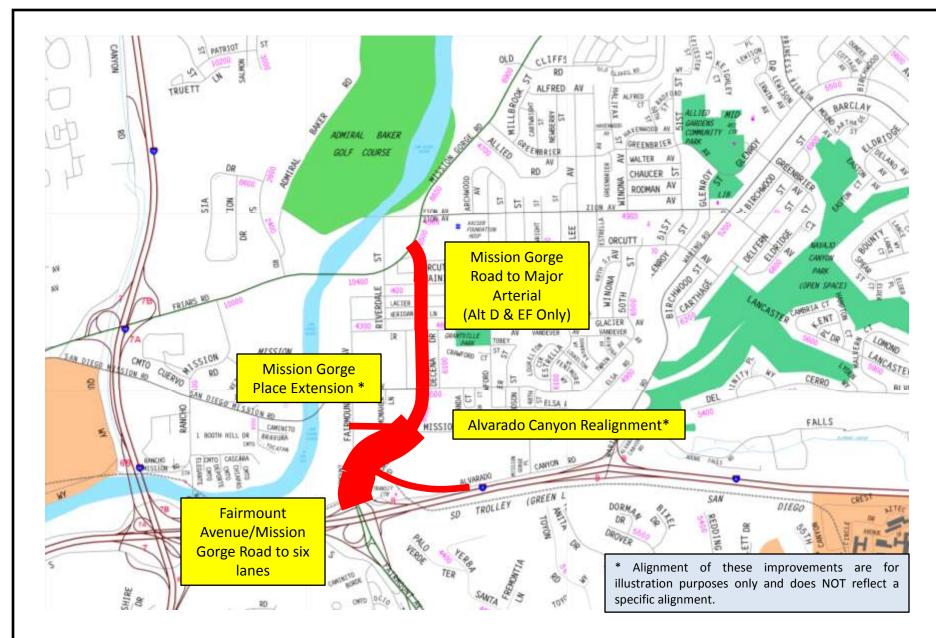
Poor Intersection Spacing

•No Parallel Routes South of Twain



CIRCULATION BACKBONE

Grantville Sub Area A Redevelopment Project Area Master Plan



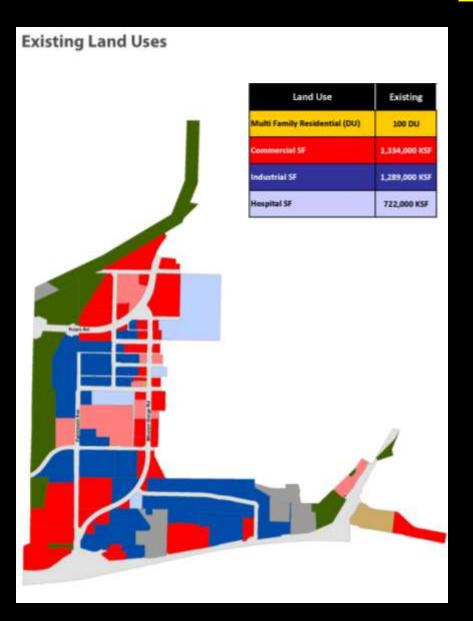
CIRCULATION BACKBONE WITH REQUIRED IMPROVEMENTS

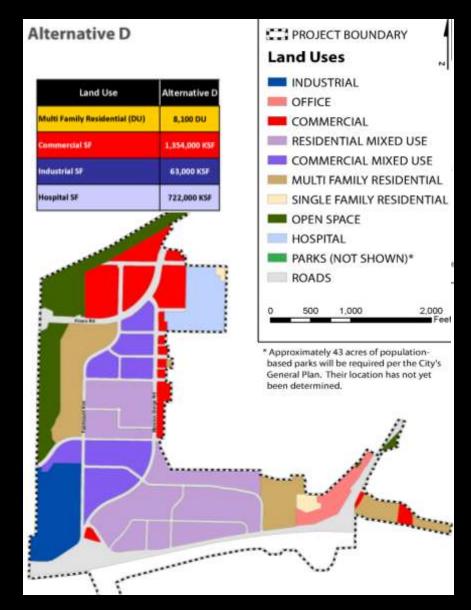
Grantville Sub Area A Redevelopment Project Area Master Plan

Process & Methodology

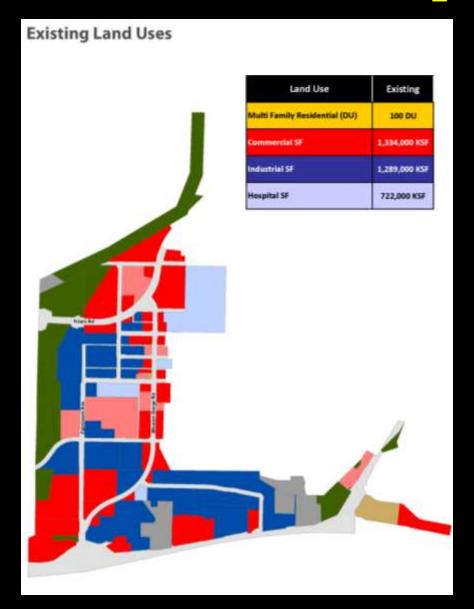
- •Traffic Model Runs / Forecasts for various land-use alternatives (Included in your handouts)
- •Identifying Forecasted Transportation Deficiencies (Included in your handouts)
- •Model Runs / Evaluation of Potential Transportation Improvements
- •Final Transportation Improvement Plan

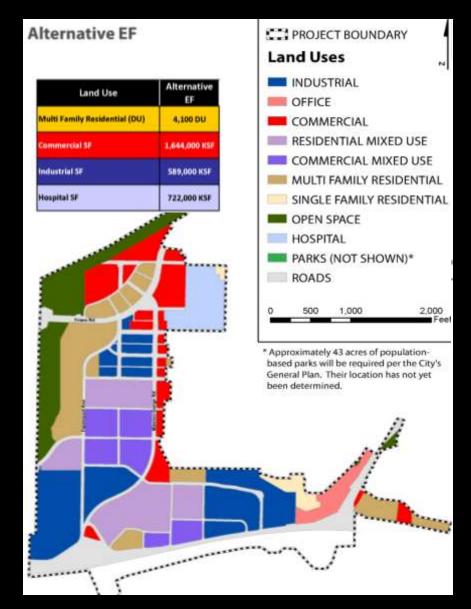
Land Use Comparison (Alternative D)



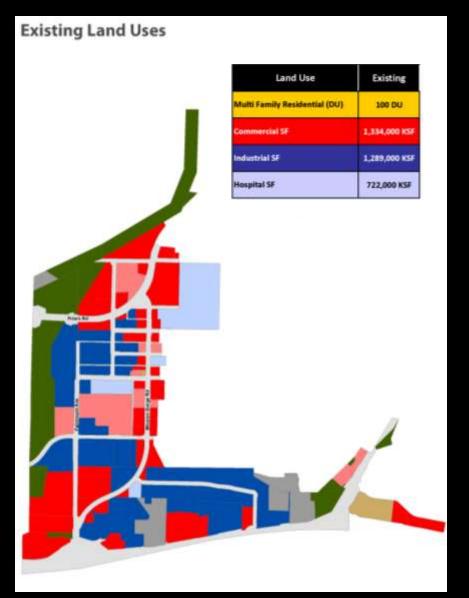


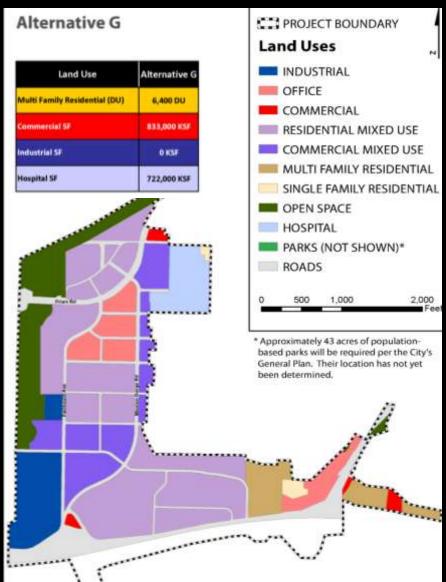
Land Use Comparison (Alternative EF)





Land Use Comparison (Alternative G)



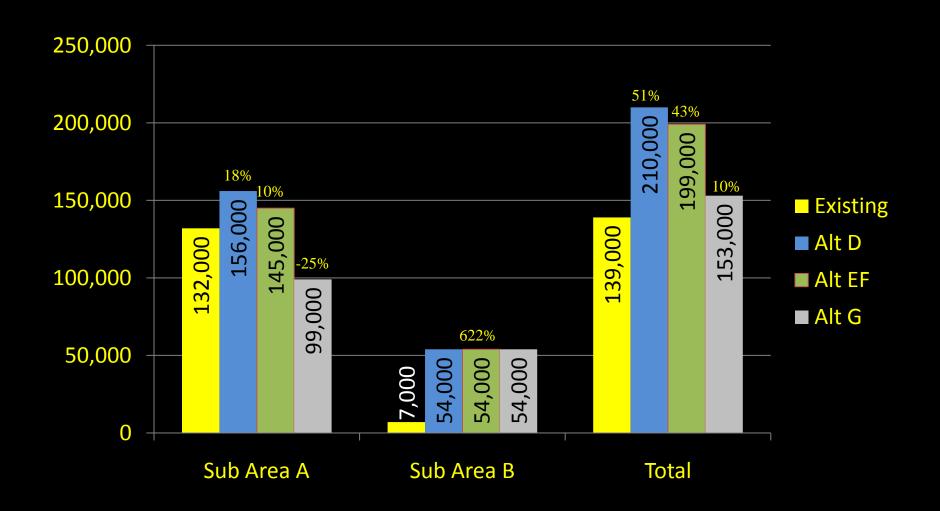


Basic Land Use Comparison Table

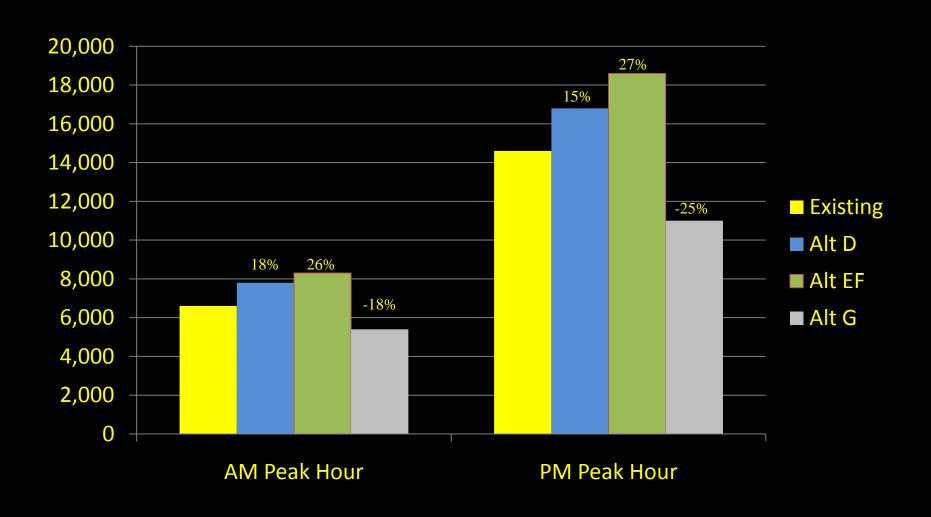
(Estimated)

Land Use	Existing	Alternative D	Alternative EF	Alternative G
Multi Family Residential (DU)	100 DU	8,100 DU	4,100 DU	6,400 DU
Commercial SF	1,334,000 KSF	1,354,000 KSF	1,644,000 KSF	833,000 KSF
Industrial SF	1,289,000 KSF	63,000 KSF	589,000 KSF	0 KSF
Hospital SF	722,000 KSF	722,000 KSF	722,000 KSF	722,000 KSF

Daily Trip Generation Comparisons

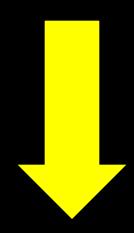


Peak Hour Comparisons



Presentation Overview

Discuss the Problem

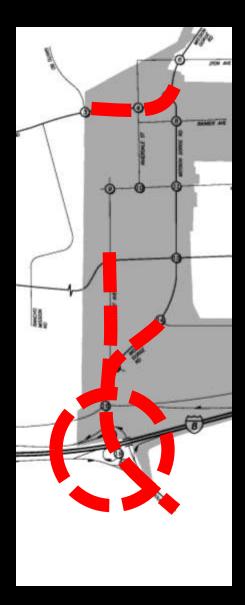


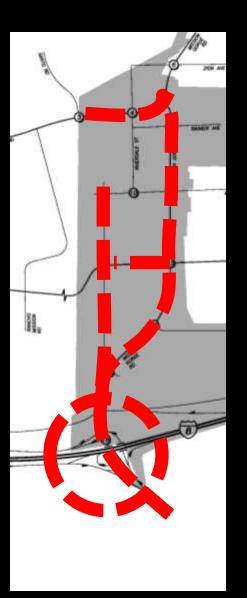
Discuss/Propose the Solution/Recommended Improvement

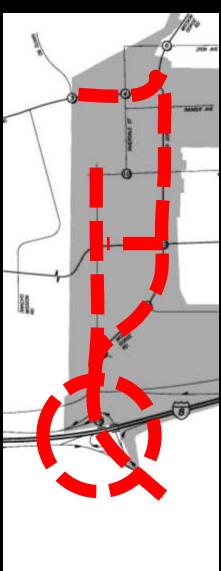
PROBLEM

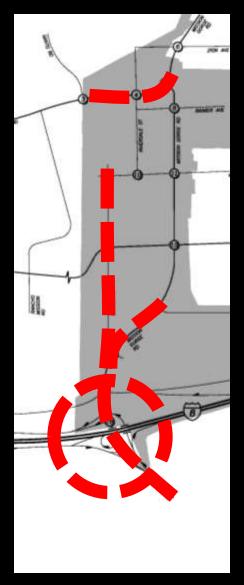
Major Segment Vehicular Traffic Constraints

Failing Locations









Existing

Alternative D

Alternative EF

Alternative G

Alvarado Canyon Road Realignment

Improvement D1

EF1

G1

Advantages:

- •Moves frontage road traffic away from the interchange and increases intersection spacing.
- •Improves Fairmount Avenue / Camino del Rio N / I-8 WB off-ramp intersection to acceptable level of service
- •Improves Interchange
- •Improves Traffic flow on Mission Gorge Road

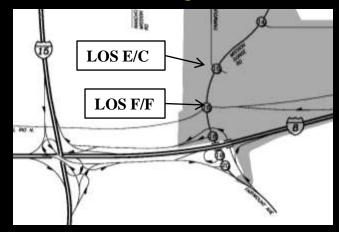
- •Right-of-way acquisition
- •Construction Cost is approximately \$10 M – \$13M, based on the chosen alignment



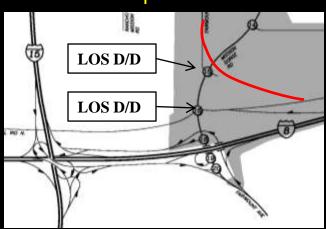
Improvement

D1, EF1 & G1

Existing



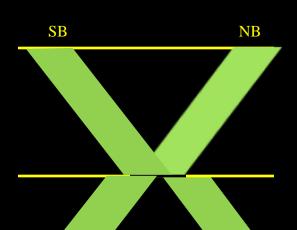
Proposed



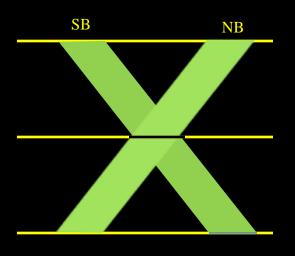
Intersection Spacing







Sample Time Space Diagram



Mission Gorge Place Extension

D2

Improvement

EF2

G2

Advantages:

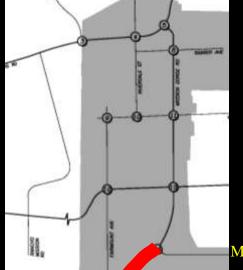
- Provides better circulation
- •Improves Traffic flow on Mission Gorge Road
- •Improves Mission Gorge Road/Twain Avenue and Mission Gorge Road/Fairmount Avenue intersections
- •Improves Twain Avenue to acceptable level of service
- •Additional east-west connection / better circulation

- •Right-of-way acquisition
- Construction Cost



Widen Fairmount
Avenue/Mission Gorge Road to
Six Lanes

D3
EF3
G3



Advantages:

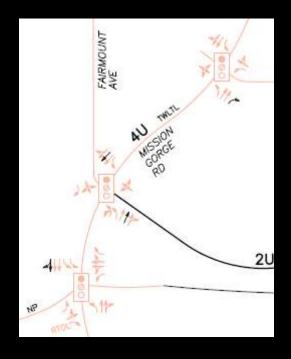
- •Improves Mission Gorge Road (from Mission Gorge Place to Fairmount Avenue)
- •Improves Fairmount Avenue (from Mission Gorge Road to Camino Del Rio North)
- •Improves Mission Gorge Road/ Mission Gorge Place, Mission Gorge Road/Fairmount Avenue and Fairmount Avenue/Camino Del Rio North intersections

Mission Gorge Place

Widen to Six Lanes

I-8 WB Off Ramp

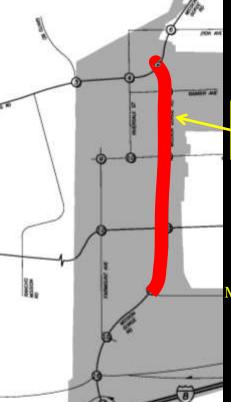
- •Right-of-way acquisition
- Construction Cost



Needed for D & EF

Widen Mission Gorge Road to Four Lane Major Road Classification





Friars Road

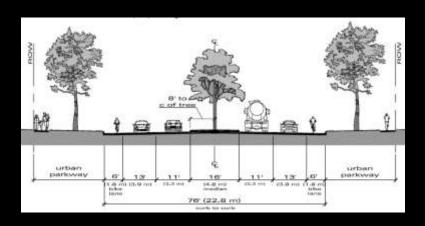
Widen to Four Lane Major Road standard

Mission Gorge Place

Advantages:

- •Improves Mission Gorge Road (from Friars Road to Mission Gorge Place)
- •Mission Gorge Road will operate at acceptable levels of service
- •Improves intersection operations on Mission Gorge Road

- •Right-of-way acquisition
- •Removal of on street parking and limited driveway access
- Construction Cost



Widen Fairmount Avenue Continuous Left Turn Lane on

D5 EF5

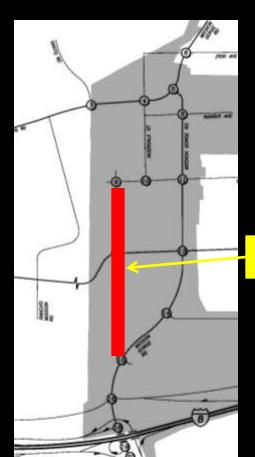
Improvement

Advantages:

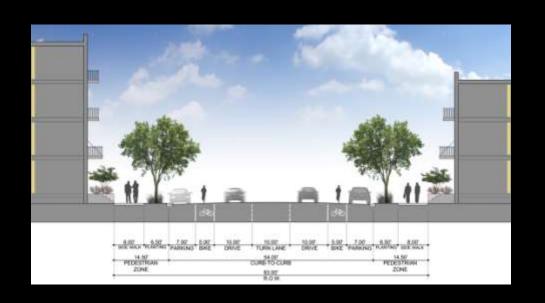
- •Improves Fairmount Avenue (from Vandever Avenue to Mission Gorge Road)
- •Fairmount Avenue will operate at acceptable levels of service
- •Improves intersection operations on Fairmount Avenue

Potential Issues:

- •Right-of-way acquisition
- Construction cost



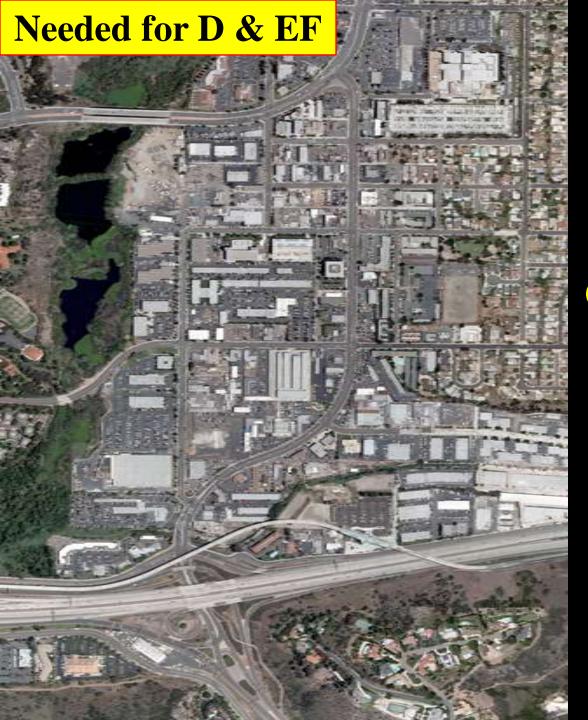
Provide Continuous
Turn Lane



I-8 / Fairmount Avenue Interchange Improvements

- •Interim solutions such as adding a third southbound lane on Fairmount Avenue (south of Camino del Rio North) are being evaluated.
- •Substantial improvement is required for the interchange (i.e. move columns).
- •Participate financially in the Interchange improvements identified in the proposed I-8 Corridor Study.





Additional Improvements Outside Project Area

Identify off-site mitigation measures in the Grantville Sub-Area A EIR.



D8
EF8
G6

Signal Coordination



Complete Streets

D9
EF9
G7

Create safe, comfortable, and convenient streets for all modes of transportation.

All new streets and existing streets which are improved should consider Complete Streets.

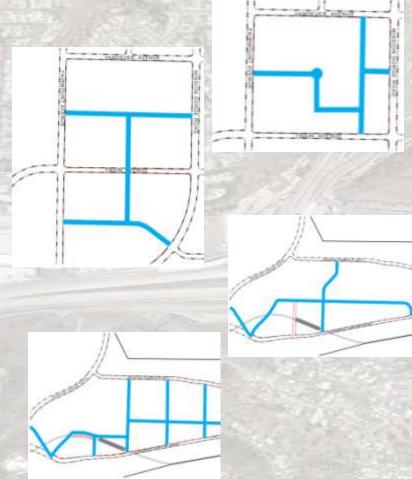


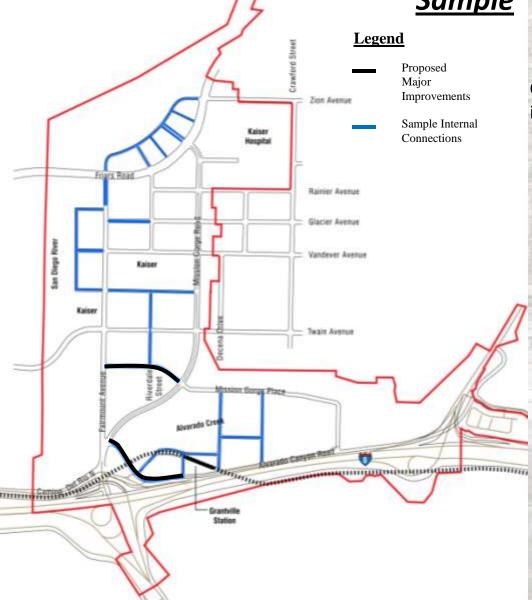
Internal Connections

Improvement D10 EF10 G8

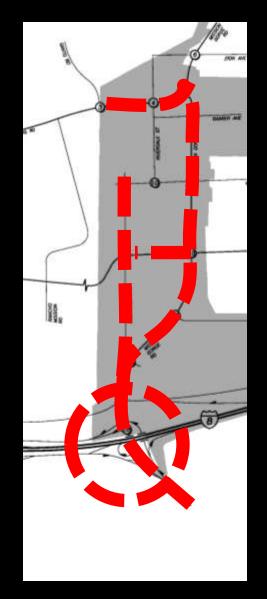
"Sample" Connection

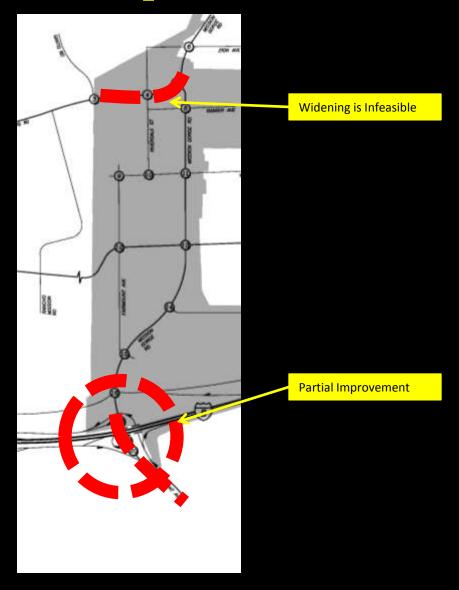
Connections Should be considered/assessed for individual parcels during site planning.





With and Without Improvements



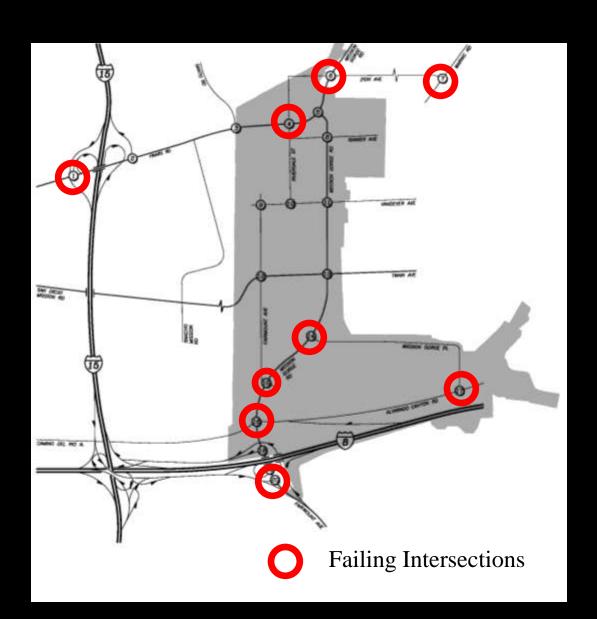


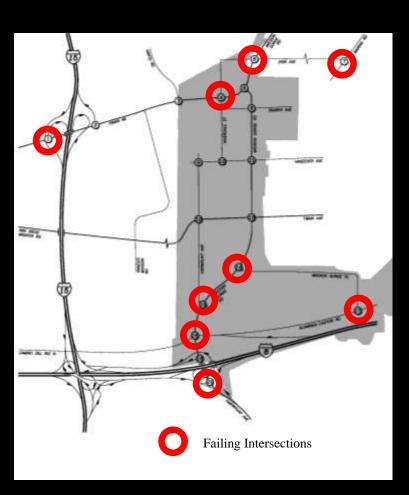
without Improvements

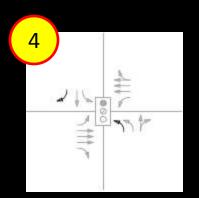
with Improvements

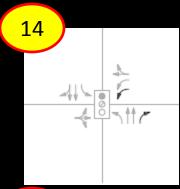
PROBLEM

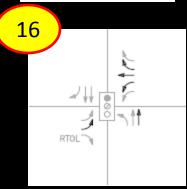
Intersection Constraints for Alternative D

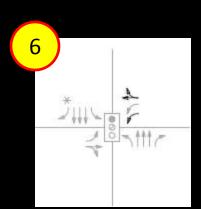


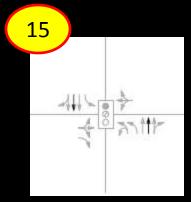


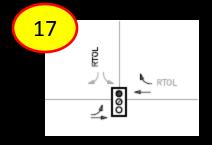




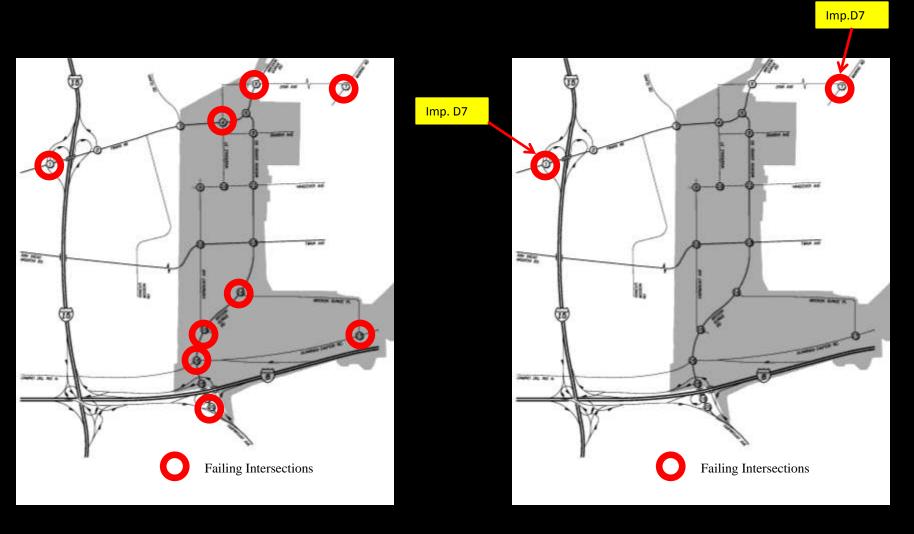








With and Without Improvements

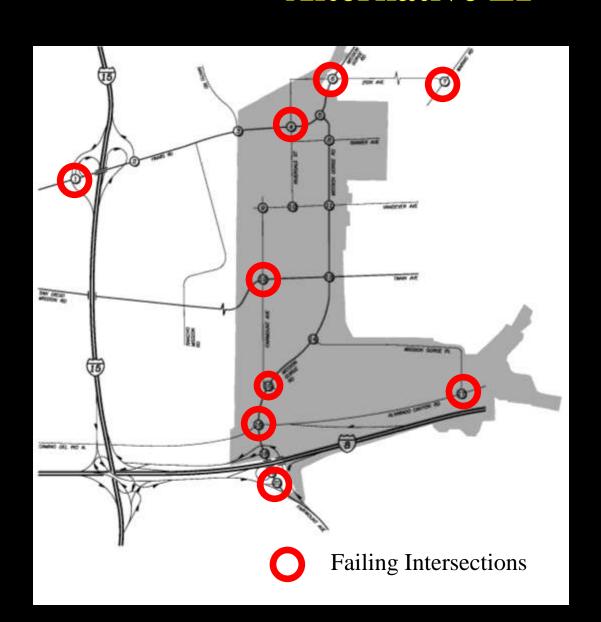


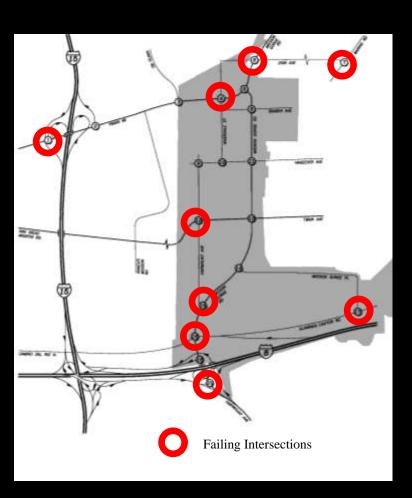
Alternative D without Improvements

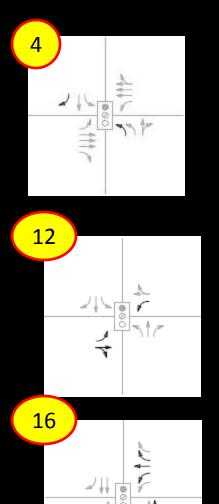
Alternative D with Improvements

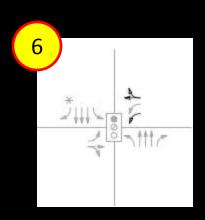
PROBLEM

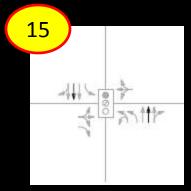
Intersection Constraints for Alternative EF

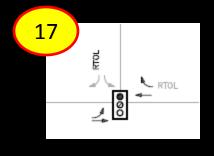




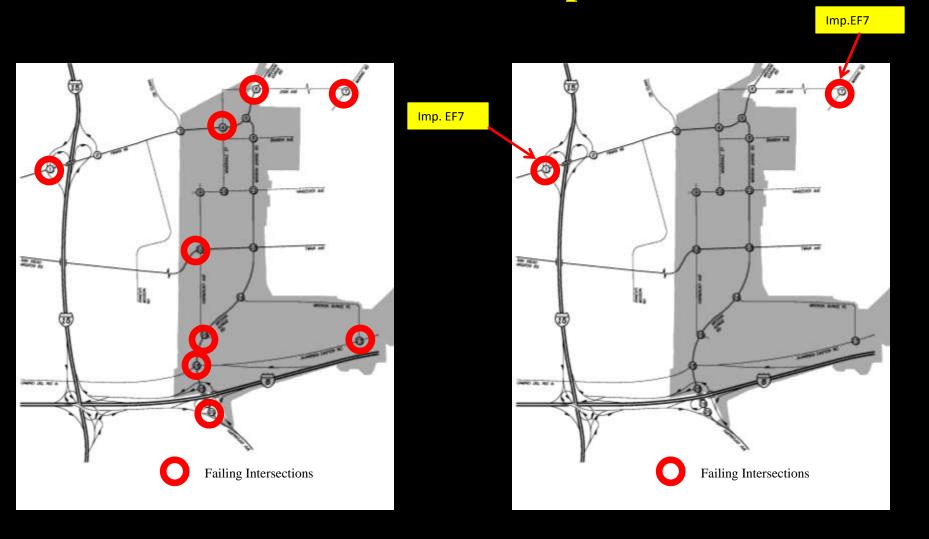








With and Without Improvements

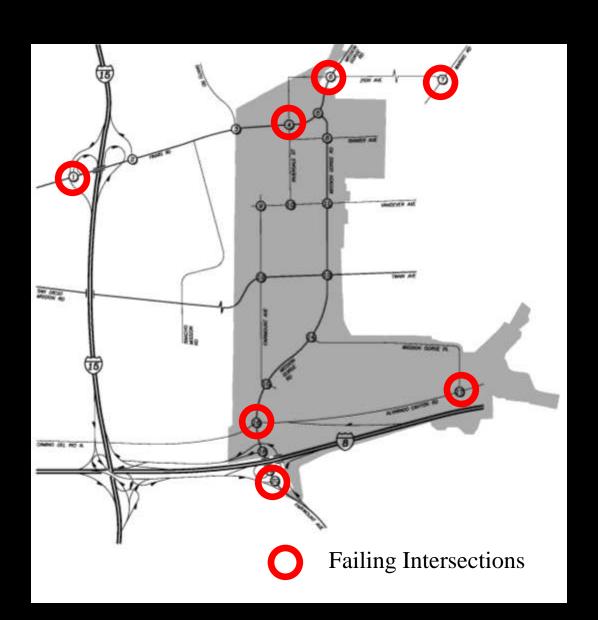


Alternative EF without Improvements

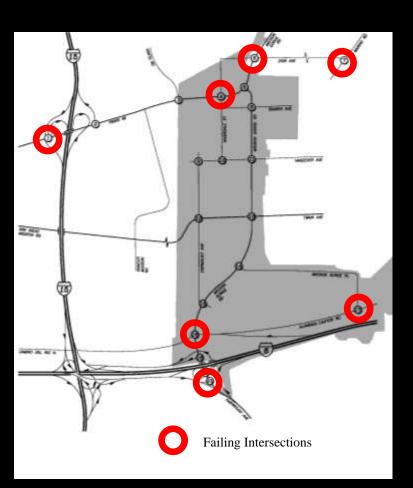
Alternative EF with Improvements

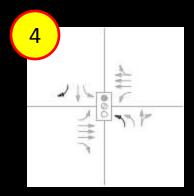
PROBLEM

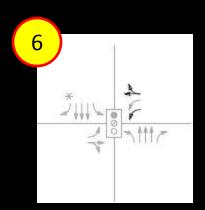
Intersection Constraints for Alternative G

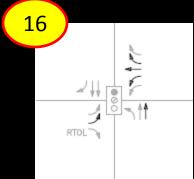


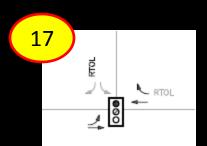




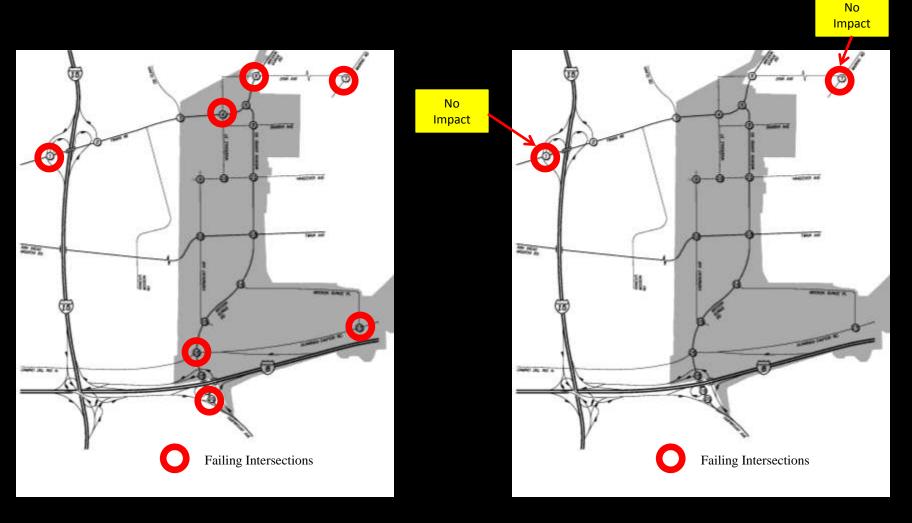








With and Without Improvements



Alternative G without Improvements

Alternative G with Improvements

PROBLEM

Pedestrian Circulation Constraints

- •I-8 / Mission Gorge Road Interchange
- •Crosswalks / Signals
- •Sidewalks
- •Pedestrian Circulation

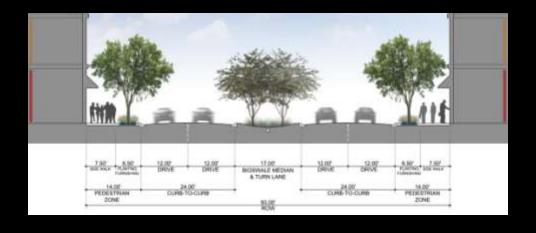


Sidewalks

D12
EF12
G10



Sidewalks, landscaping and pedestriansupportive lighting should be considered.



Walkable Neighborhoods

D12
EF12
G10



The availability of stores, offices and residence in close proximity allows neighbors to work and shop close to home. A mistain of land uses promotes jub creation, encourages healthy lifestyles and reduces dependence on the saturabilis.



COMPACT DEVELOPMENT



Building compactly maximizes smargy efficiency while minimizing land consumption. Buildings with reduced footpatria enable mass land to be provided for open users and recreation, as well as for abouting starmwater. Compact downsament also increases the visibility of public transit.

RANGE OF HOUSING OPPORTUNITIES

Great neighborhoods are composed of a cheme range of residents. Convincinties with a variety of housing types, densities and levels of affordatelity meet the needs of families, singles, fleet features incomhelic and residents with online meets, such as the reliefs.





SMART GROWTH PRINCIPLES

Smart growth development is guided by a set of principles that per range of opportunities for all residents. These principles enture transportation choices within walkable, mo

OPEN SPACE AND FARMLAND PRESERVATION

Open spaces, ecological resources and agricultural land are necessary parts of the coner ascess to the natural environment and undeveloped land is an integral part of high-qual



DEVELOPMENT IN EXISTING COMMUNITIES

Locating new development within sobting communities reduces yeared and societies open space and aphealtumi land. More importantly, hell development trious advantage of solicing structus and infrastructure while strengthering or novitations existing neighborhoods.



DISTINCTIVE, RACTIVE COMMUNITIES

WALKABLE NEIGHBORHOODS

construction with construction resignificational character are destinate for residents, status and workers after. Memoratic pictus are designed with a careful undergoading of their topographic and climatic contants, as well at the character of enabling development.



Neighborhoods designed

slow for less dependence

ws/ksble neighborhoods.

difficult street crossings

and dead-and streets are

minimized, and a network

of Interconnected streets

and oldewalks is provided

for pedestrians, services and owlists.

for pedestrian activity

on the automobile. In

TRANSPORTATION CHOICES Communities with a broad range of mobility options allow all residents to enjoy comfortable.

options allow all recidents to enjoy comfort table, independent lifewise. Full its transit, biocycle fucilities and pedestrian-common streets can lead to improvements in someonity leastly, energy consumerior and reductions in green/money or enforcement.

PREDICTABLE DEVELOPMENT DECISIONS

The practice of seniet growth to ignoredant on protein sector street, local government secretal quality sinvelopment sections government insentions security projects, oversting has introduced and containing efficient land use policies.



COMMUNITY AND STAKEHOLDER COLLABORATION



To create great places, development should reflect the desires of the community. Collaboration between residents, developers and civic leaders promotes development that fits the community's sense of how it wasts to grow.

SANDAG

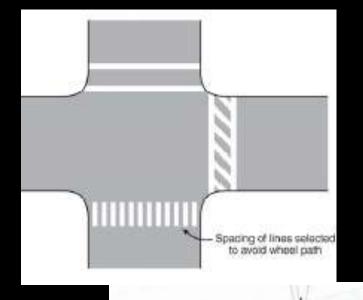
Now Stope Appealation of Governments.

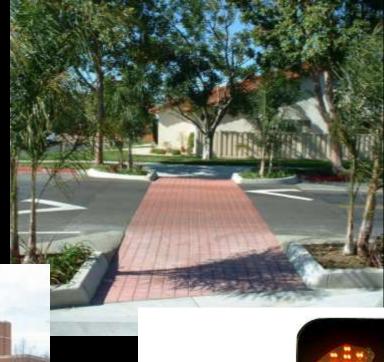
Goals (City of San Diego's Mobility Element General Plan)

- Create a project where walking is a viable travel choice, particularly for trips of less than one-half mile.
- Create a safe and comfortable pedestrian environment.
- Create a complete, functional, and interconnected pedestrian network, that is accessible to pedestrians of all abilities.
- Create pedestrian friendly streets, sites and buildings.

Crosswalks / Signals

D12
EF12
G10







Pedestrian Connectivity/Access

D12
EF12
G10







ADA Accessibility

D12
EF12
G10



PROBLEM

Bicycle Circulation Constraints

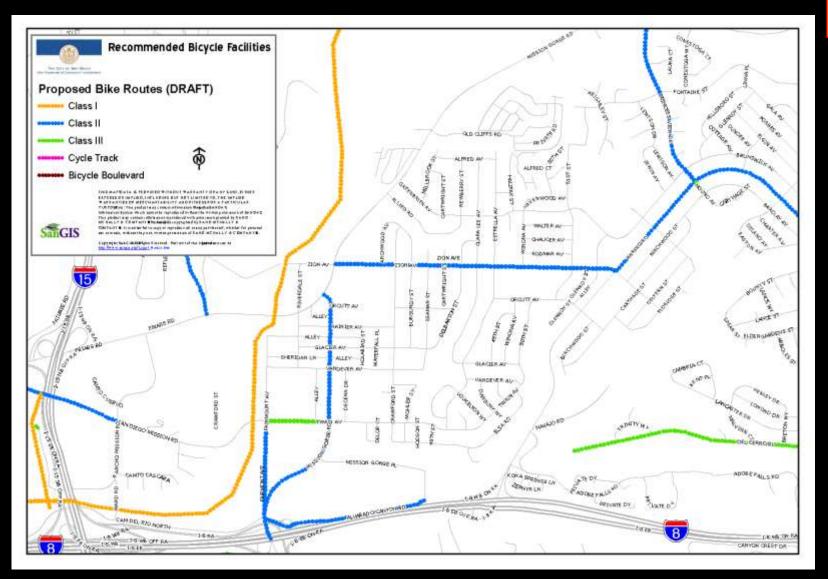
- •I-8 / Mission Gorge Road Interchange
- •Crosswalks / Signals

•Bicycle Circulation



Implement the Regional Bicycle Plan





Improvement Improve Existing Bike Trail Needed for D, EF & G **D13** Crossing **EF13 G11** Camino Del Rio North Option 2: Add Crosswalks Interstate 8 Microsoft Earth 🦪





Bicycle Parking



Improvement









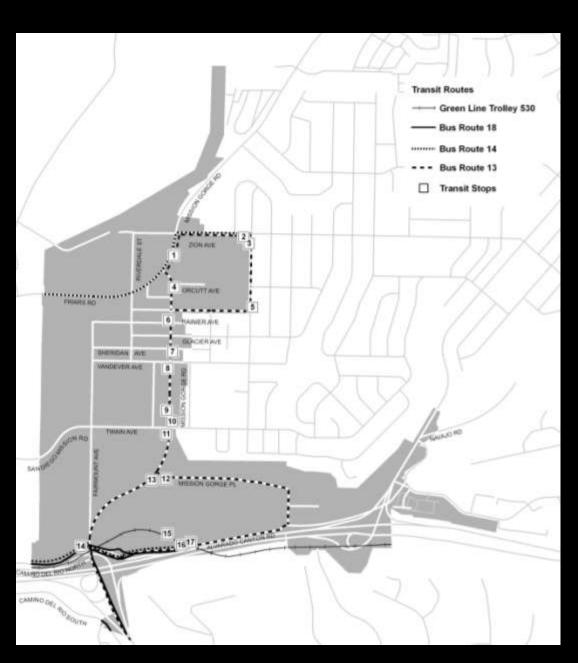


PROBLEM

Transit Issues

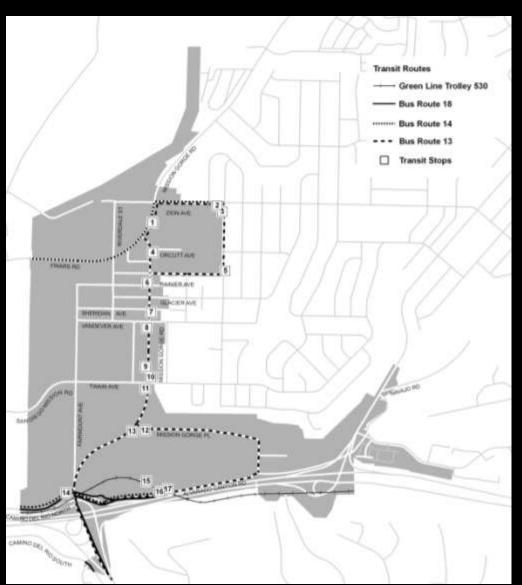
- Transit Ridership
- •Pedestrian/ Bicycle Access
- •Buses along with vehicular traffic





Transit Improvements





Pedestrian/bicycle circulation improvements should be considered.

All streets which are directly served by transit should be designed or retrofitted to serve pedestrians.

Provide sufficient ADA compliant pedestrian access to all the mass transit facilities.

Shelters should be considered at all bus stops.

Transit Priority Measures should be installed along Mission Gorge Road.

Evaluate transit services based on the future ridership.

Other Improvements To Be Considered



Fairmount Avenue / Friars Road Connection

- •One-way Couplet: Not a traffic solution, but can be accommodated, if desired.
- •Mission Gorge Place extension to San Diego Mission Road
- •Site specific TDM strategies (ex: promote carpool and vanpool programs, alternative work hours, telecommuting, Transit for development projects, Parking Management, Transit pass or transit discounts)

Next Steps

- •Selection of Land Use Alternative (Oct)
- •CEQA
- Community Plan Amendment
- Zoning Program
- Public Facilities Financing Plan

	FISCAL YEAR												FISCAL YEAR											
	2011											2012												
Tion	J	A	S	О	N	D	J	F	M	Δ	M	J	J	A	S	О	N	D	J	F	M	Δ	M	J
COMMUNITY PLAN AMENDMENT	3	71			11			1	1,11	7.1	171		3	11			11				141	71	111	3
Prepare plan elements, land use options, and travel forecast																								
Distribute preliminary public review draft CPA																								
Distribute public hearing draft CPA																								
TRAFFIC ANALYSIS																								
Existing & 2030 Community Plan (Adopted)																								
Alternative D, E/F & G		1		7																				
Impact study for CEQA																		lacksquare	lacksquare					
CEQA																		╁	╂					
Initial Study									_						\vdash	\vdash		╁	+	+				
Scoping and Notice of Preparation																								
Prepare special studies and draft EIR (3 Screenchecks)																								
Distribute draft EIR																								
Prepare responses and distribute final EIR																								
Howard Drogner	_																	╀	\perp	-				
ZONING PROGRAM																		+	+	+				
Analyze appropriate citywide zones/Amendments to CPIOZ																								
D																		_	_					
PUBLIC FACILITIES FINANCING PLAN																								
Prepare PFFP																								
PUBLIC HEARING PROCESS																								
PC Consideration																								
CC Adoption and EIR certification																								

